IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s): Janne Parantainen

SERIAL NO.: 9/595,275 ART UNIT: 2634

FILING DATE: June 15, 200 EXAMINER: Chieh M. Fan

TITLE: **METHOD AND ARRANGEMENT FOR CHOOSING A CHANNEL CODING AND INTERLEAVING SCHEME FOR CERTAIN TYPES OF PACKET DATA CONNECTIONS**

ATTORNEY DOCKET NO.: 297-009504-US(PAR)

Board of Patent Appeals and Interferences
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

REPLY TO EXAMINER'S ANSWER

Sir:

This is in response to the Examiner's Answer, mailed July 27, 2005.

[1] Argument

The cited reference Kronestedt teaches the use of measured information in selecting modulation and channel coding modes. This is indicated at column 4, lines 29-34, as follows:

"The filtered (i.e., composite) cell quality measurement information is then applied to a mode selector 24. The mode selector 24 receives the filtered quality measurement values and,

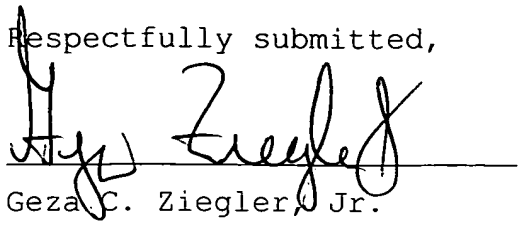
based on the filtered measurement values, selects a modulation and channel coding mode from a plurality of possible modes."

The Examiner appears to equate such measured values with "QoS Parameters". QoS parameters are not measured values. QoS parameters are used on the session/connection management layer, high above the physical layer in the protocol stack, to describe the requirements of the connection, e.g., in GPRS/UMTS PDP context, the setup message contains the QoS profile. In the subject invention these parameters are linked directly to the used channel coding. In this way, for a particular class of connections (or applications, such as VoIP), certain types of channel coding would be used. This is not described in the cited art.

The reference Kronestedt teaches a method to relate composite link quality measurement information with channel coding. This is a variant of normal link adaptation where measurement information is used for making decisions on how strong coding should be used. In Kronestedt this is done for a multitude of links on the cell level.

Applicant submits, therefore, that the cited reference does not support the Examiner's position.

Respectfully submitted,



27 Sept 2005

Geza C. Ziegler, Jr. — Date

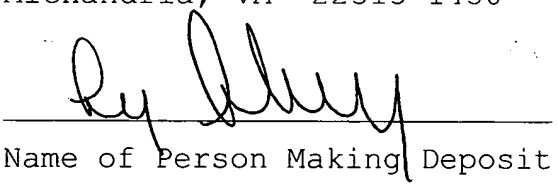
Reg. No.: 44,004

Perman & Green, LLP
425 Post Road
Fairfield, CT 06430

Telephone: (203) 259-1800
Facsimile: (203) 255-5170

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Board of Patent Appeals and Interferences, United States Patent and Trademark Office P.O. Box 1450, Alexandria, VA 22313-1450



9/27/05

Name of Person Making Deposit — Date

SEP 27 '05
CT
00.37
H METER 502119

FIRST CLASS MAIL

LAW OFFICES OF
PERMAN & GREEN, LLP
425 POST ROAD
FAIRFIELD, CONNECTICUT 06824

Board of Patents Appeals and Interferences
United States Patent and Trademark office
P.O. Box 1450
Alexandria, VA 22313-1450

297.009504-US (PAR)